

### Abstract of the Disclosure

The present invention relates to a microenergy device for generating highly precise microenergy required for future high performance complex information appliances. The  
5 microenergy device of the present invention comprises a microenergy generating unit and a micromechanical modulating unit. The microenergy generating unit includes at least one digital microenergy generator which operates in response to a digital signal to be inputted into the generator. The micromechanical modulating unit performs mechanical modulation of an output of the microenergy generating unit and finally outputs the modulated  
10 microenergy.